



Operations Report

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26-June-2003
CDF Weekly Meeting



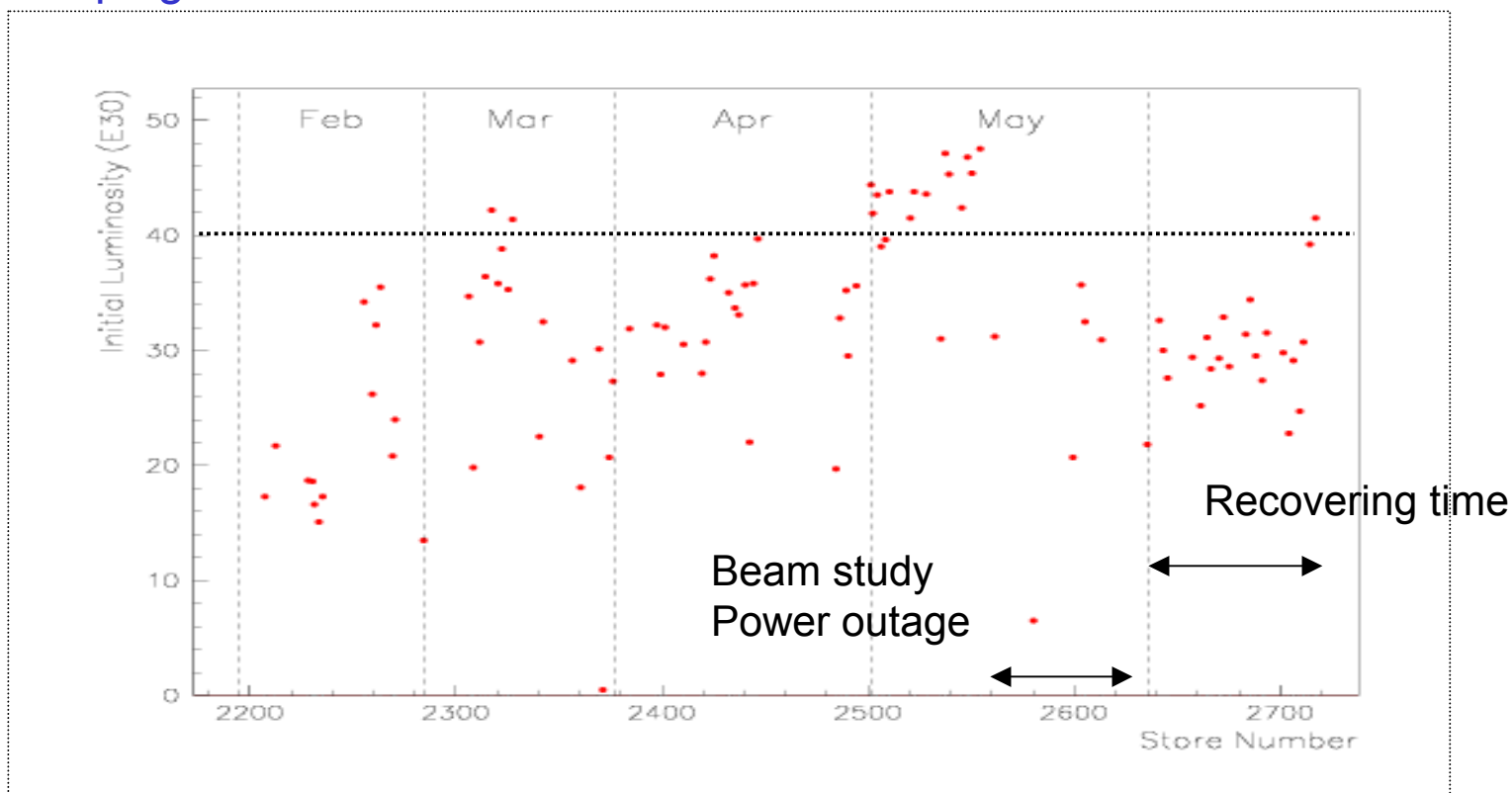
This Week's Stores

Date	Store	Duration (hours)	Initial L (10^{30})	Delivered (nb $^{-1}$)	Live (nb $^{-1}$)	ϵ
Th 6/19	2705	13.2	22.8	671	451	67.2%
Fr 6/20	2707	6.2	29.1	506	474	93.7%
Fr 6/20	2710	17.1	24.7	950	865	91.0%
Sa 6/21	2712	17.6	30.7	1119	1028	91.9%
Su 6/22	2715	20.2	39.3	1588	1447	91.1%
Mo 6/23	2718	19.7	41.5	1675	1379	82.3%
We 6/25	2723	17.2	32.0	1114	968	84.7%
Total				7.6 pb $^{-1}$	6.6	87%



Accelerator status

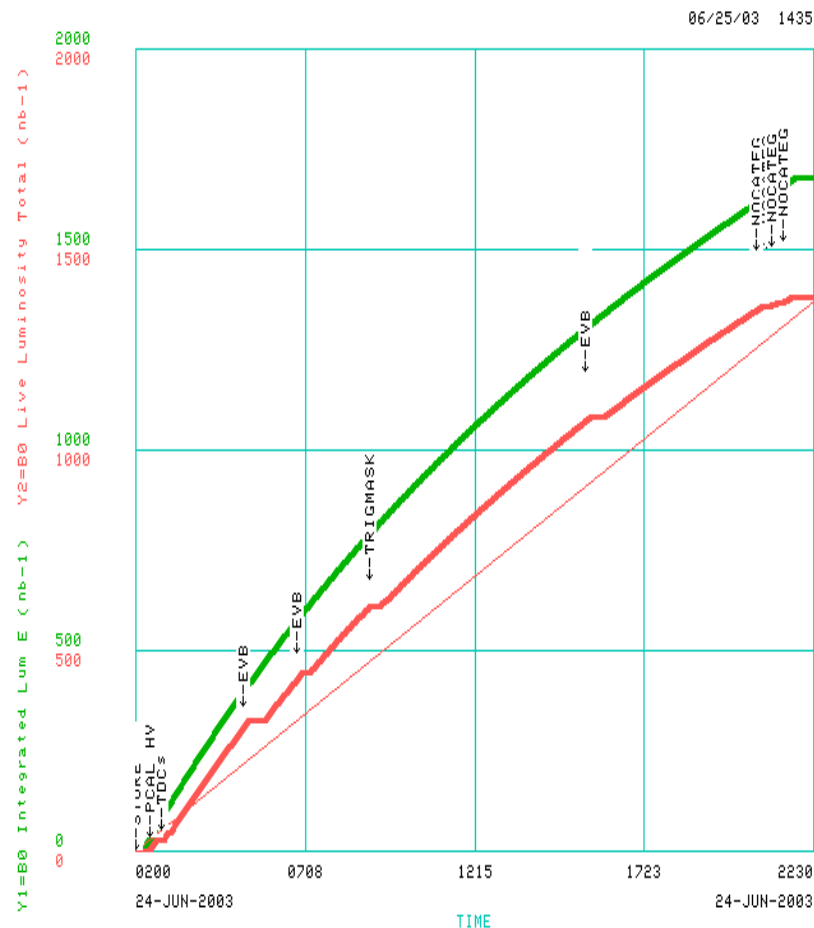
- Luminosity is getting better
 - better efficiency at 150 GeV and ramping
- One shot setup failure
 - quench while squeezing





Detector Status

- Smooth running over weekend
 - 4 stores with >90% efficiency
- Event builder problem
 - Many scanner CPU timeouts for store 2718 and 2723
 - ~30 minutes downtime for each
 - Caused by “expert-change” w/o notice
 - No error after back to original state
- >10 hours downtime by HV problem this month
 - SVX, Muon, Plug, ...
 - Many of them are actually not the real HV trips, but monitoring problems

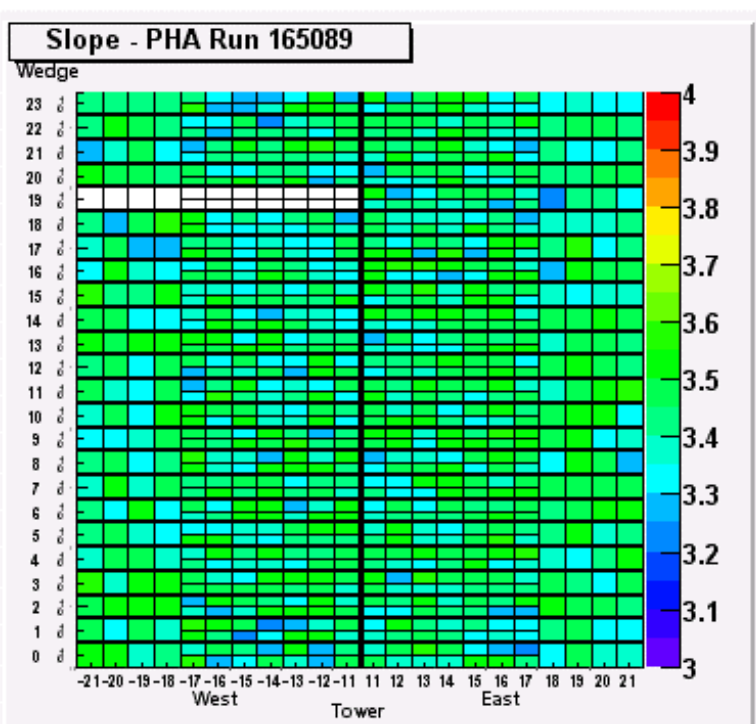




Controlled Access

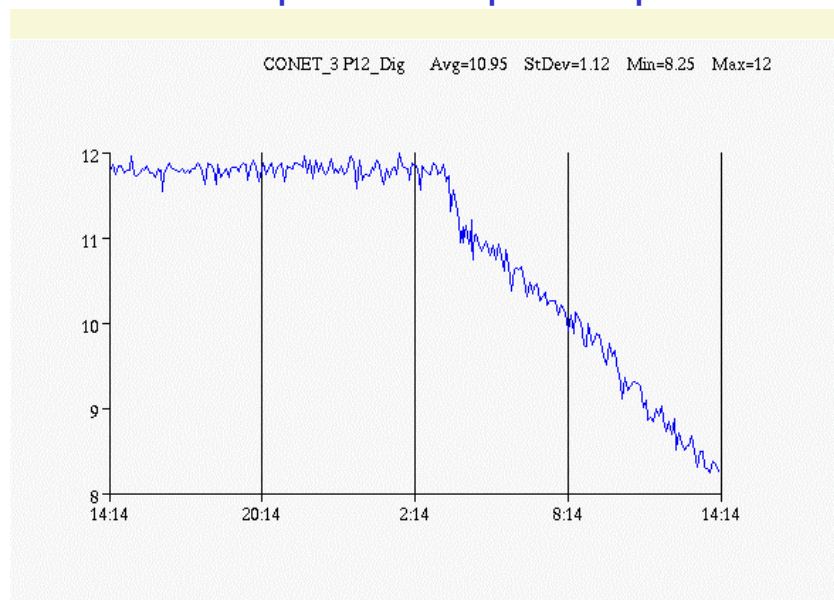
- Sunday

- One blown fuse in PEM ADMEM
- After final protons were being injected



- Monday

- COT TDC crate power supply
- Early stage of the shot setup
- The problem was the monitoring parts of the power supply.
- Actual power output no problem





Summary/Plan

- Luminosity is getting better
- CDF made two access requests while shot setup
 - Both stores made $\sim 40\text{e}30$, though...
- CDF can run with $>90\%$ data taking efficiency
 - If there were no tests and no changes
 - HV: one of major downtime source for this month